



The diagram illustrates a chemical process involving two distillation columns and several associated units. Feed stream 1 enters the bottom of the first distillation column (4, 3, 2). The top product of this column is stream 7. The bottom product is stream 8, which passes through pump 21 and enters tank 9. From tank 9, stream 10 goes through pump 20 and enters the bottom of the second distillation column (11). The top product of the second column is stream 13, which goes through pump 25 and enters tank 12. The bottom product of the second column is stream 15, which goes through pump 22 and enters tank 18. Tank 18 has an overflow stream 19 that goes through pump 26 and enters tank 24. Tank 24 has an overflow stream 27 that goes through pump 27 and enters tank 28. Tank 28 has an overflow stream 29 that goes through pump 29 and enters the top of the second distillation column. The bottom product of the second column is stream 14, which goes through pump 23 and enters tank 23. Tank 23 has an overflow stream 24 that goes through pump 24 and enters tank 26. Tank 26 has an overflow stream 27 that goes through pump 27 and enters tank 28. Tank 28 has an overflow stream 29 that goes through pump 29 and enters the top of the second distillation column. The bottom product of the second column is stream 14, which goes through pump 23 and enters tank 23. Tank 23 has an overflow stream 24 that goes through pump 24 and enters tank 26. Tank 26 has an overflow stream 27 that goes through pump 27 and enters tank 28. Tank 28 has an overflow stream 29 that goes through pump 29 and enters the top of the second distillation column.

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